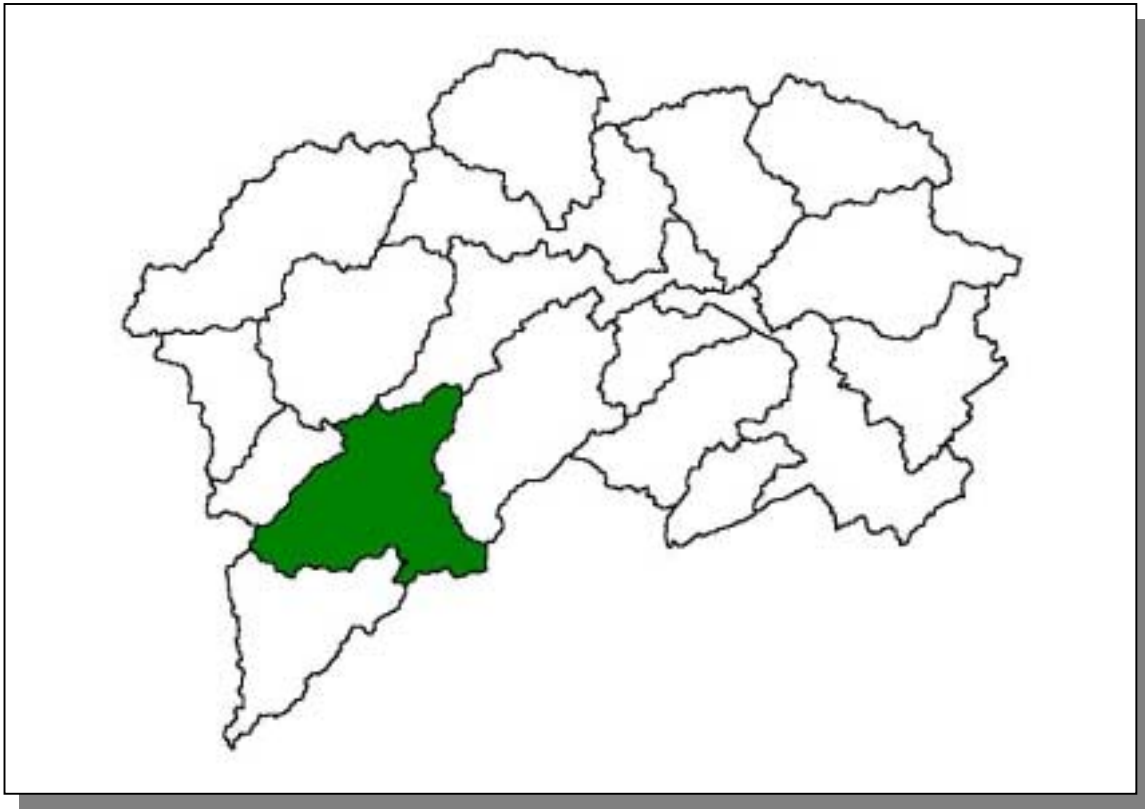


4.2.D. 06010208040.



***Figure 4-24. Location of Subwatershed 06010208040.** All Emory HUC-14 subwatershed boundaries are shown for reference.*

4.2.D.i. General Description.

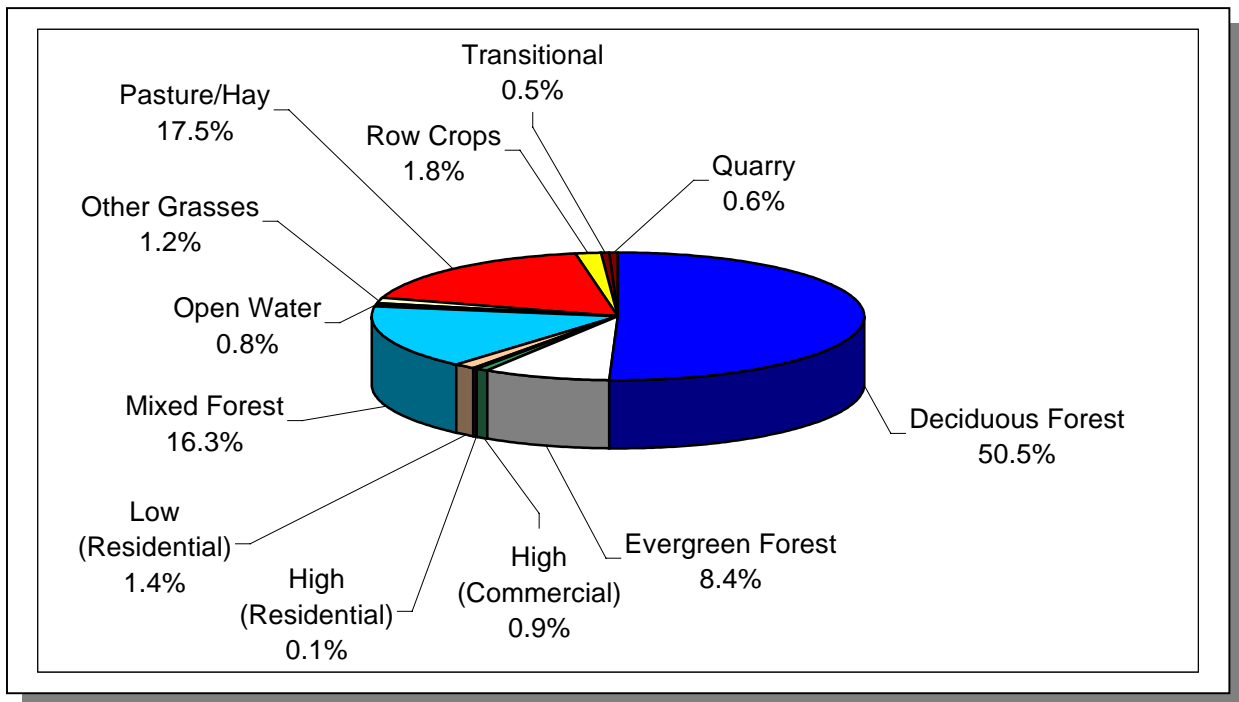


Figure 4-25. Land Use Distribution in Subwatershed 06010208040. More information is provided in Emory-Appendix IV.

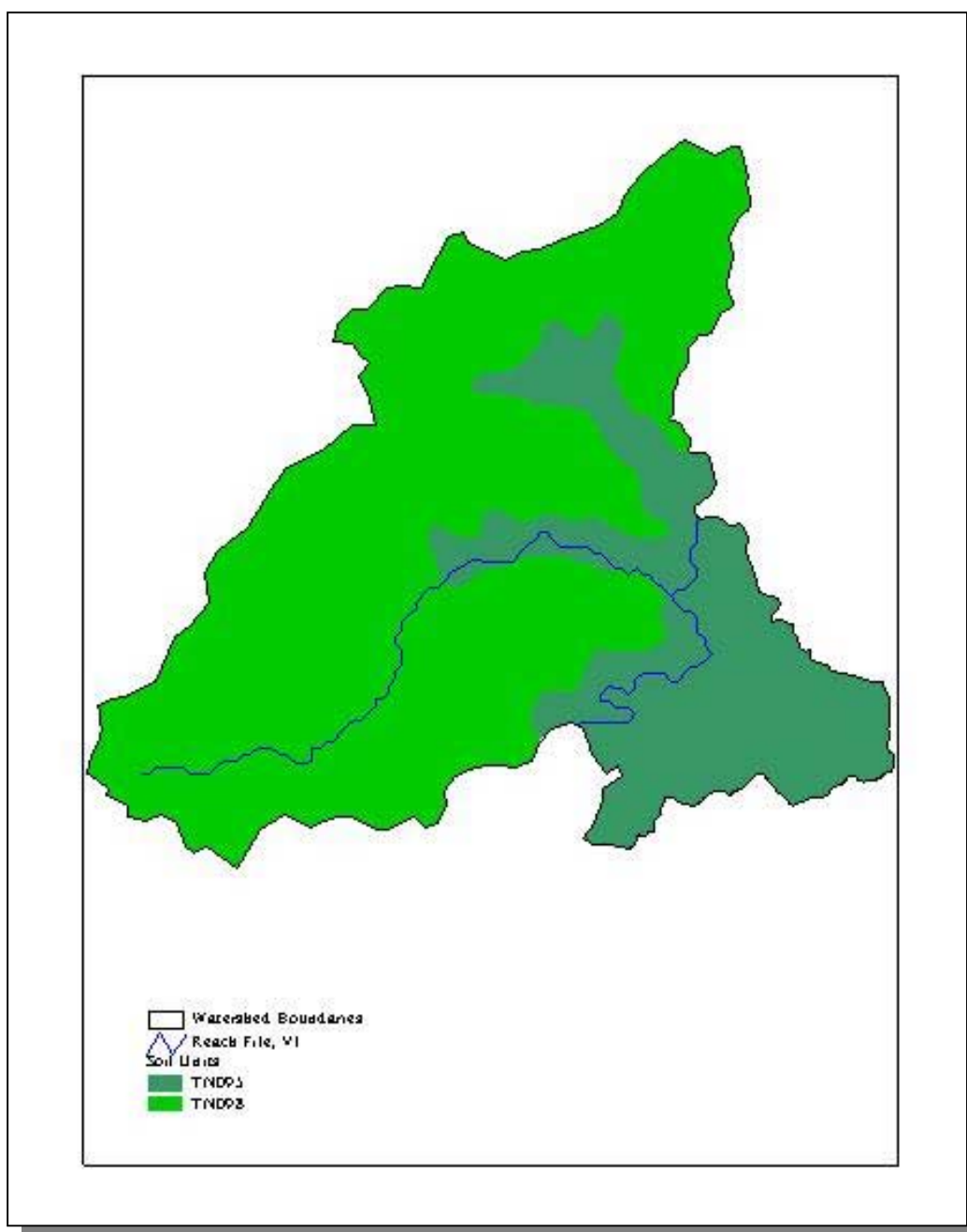


Figure 4-26. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208040.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN098	1.00	C	3.98	4.82	Loam	0.32

Table 4-22. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208040. More information is provided in Emory-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Cumberland	34,736	43,217	9.54	3,315	4,124	24.4

Table 4-23. Population estimates in Subwatershed 06010208040.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Crab Orchard	Cumberland	876	420	71	328	21
Crossville	Cumberland	6,930	3,054	2,504	541	9
Total		7,806	3,474	2,575	869	30

Table 4-24. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010208040.

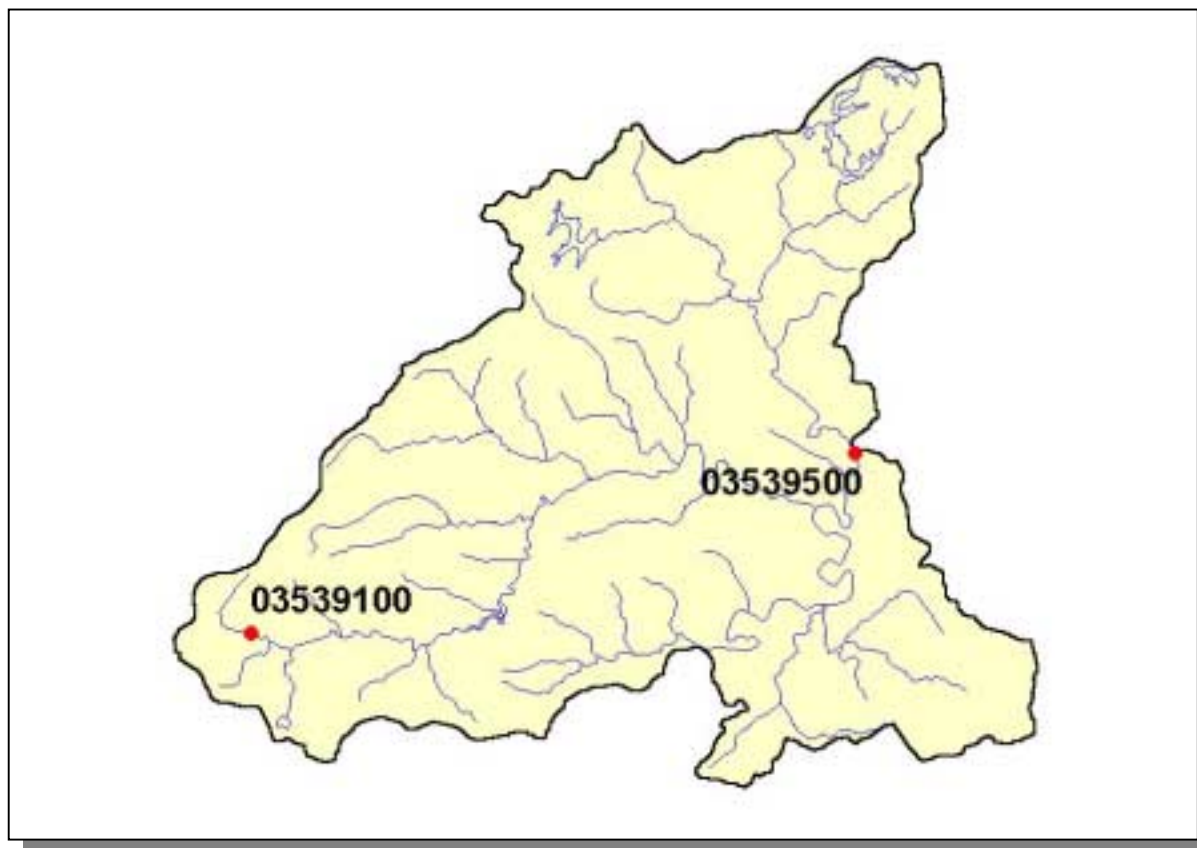


Figure 4-27. Location of Historical Streamflow Data Collection Sites in Subwatershed 06010208040. More information is provided in Emory-Appendix IV.

4.2.D.ii. Point Source Contributions.



Table 4-25. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010208040. More information, including the names of facilities, is provided in Emory-Appendix IV.

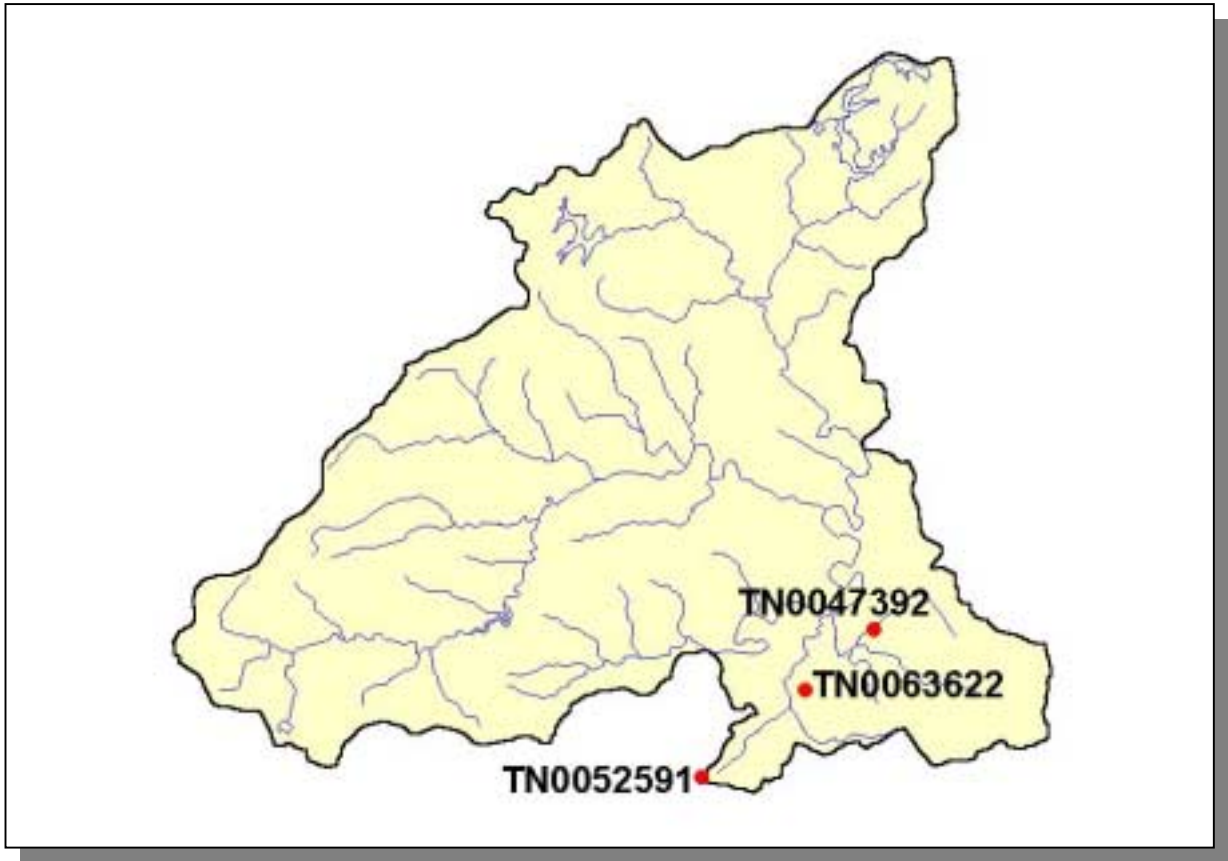


Figure 4-28. Location of Active Mining Sites in Subwatershed 06010208040. More information, including the names of facilities, is provided in Emory-Appendix IV.

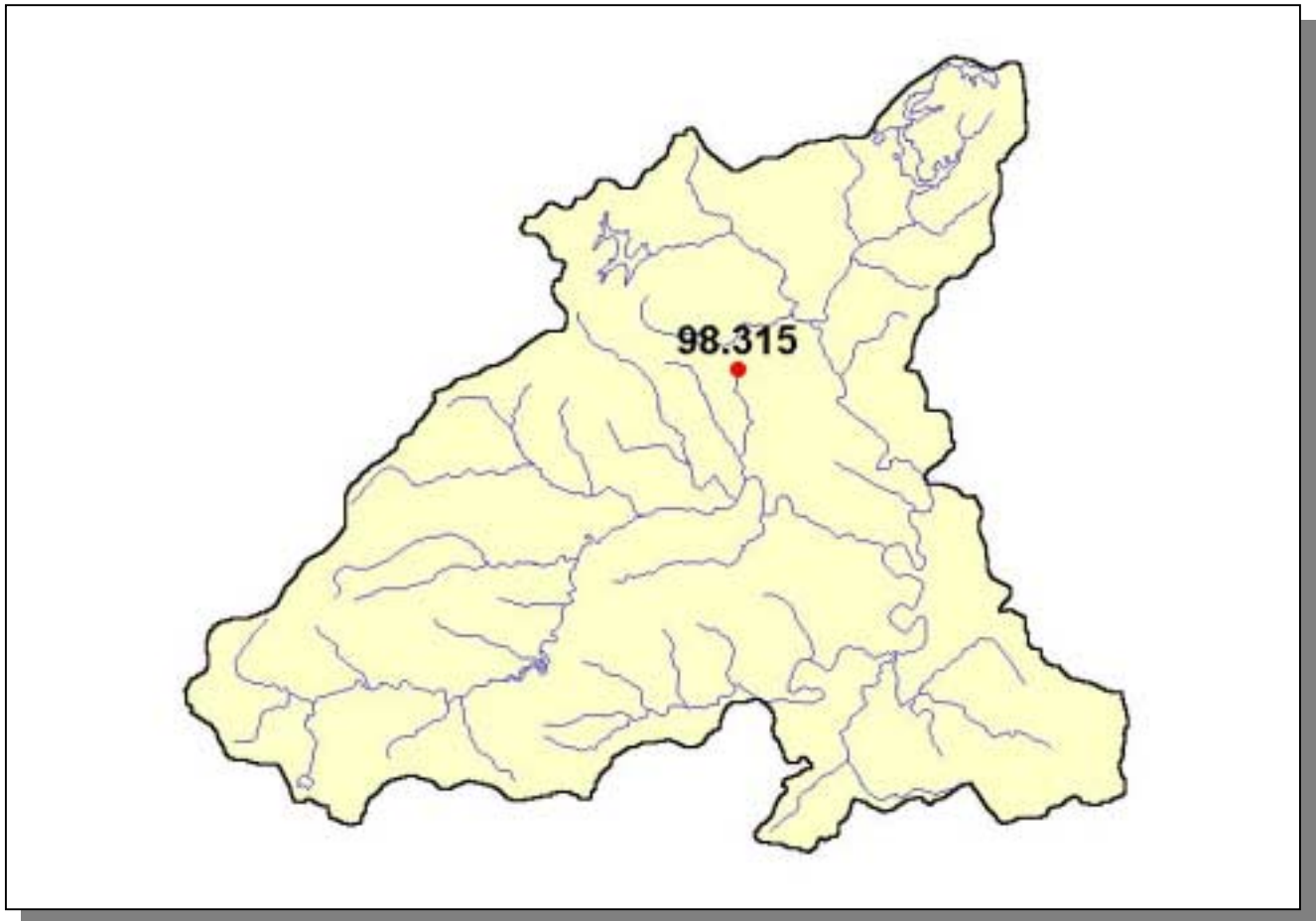


Figure 4-29. Location of ARAP Sites (Individual Permits) in Subwatershed 06010208040.
More information is provided in Emory-Appendix IV.

4.2.D.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
1,551	3,797	376	7	989	76

Table 4-26. Summary of Livestock Count Estimates in Subwatershed 06010208040.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cumberland	320.3	320.3	5.9	22.5

Table 4-27. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010208040.

CROPS	TONS/ACRE/YEAR
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.23
Grass (Pastureland)	0.40
Grass, Forbs, Legumes (Mixed Pasture)	0.26
Forest Land (Grazed)	0.00
Corn (Row Crops)	3.77
Soybeans (Row Crops)	6.26
Other Vegetable and Truck Crop	14.05
Grass (Hayland)	3.05
Legume Grass (Hayland)	0.16
Legume (Pastureland)	0.15

Table 4-28. Annual Soil Loss in Subwatershed 06010208040.